Philips Matchline professional flat TV with Digital Crystal Clear

42"

plasma

MATCHLINE

42HF9442

System Prepared Flat TV

Specially designed for in-room entertainment

This elegantly designed TV uses the latest Plasma technology offering superb contrast and brightness. Optional SmartCard XPress box available to enable easy integration of 3rd party interactive services.

Advanced hotel features and future proof

- Wireless SmartLoader for fast cloning
- Welcome message on screen display
- Volume limitation
- Front Controls Locking
- Switch On Channel Programming
- Security Menu Access

Interactive System Prepared, Future Proof

- SmartCard Xpress Box compatible for interactive systems
- Optional extra Power Supply (12V)
- Serial Xpress™ Control interface
- Future proof by software upgradability

Breathtaking natural pictures

- Digital Crystal Clear provides vivid cinema-like images
- Enhanced-definition plasma WVGA display, 852x480p

PHILIPS

sense and simplicity

Professional flat TV with Digital Crystal Clear
42" plasma

42HF9442/98

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Brightness: 1000 cd/m²
- Contrast ratio (typical): 3000:1
- Diagonal screen size: 42 inch / 107 cm
- Display screen type: WVGA Plasma panel
- Picture enhancement: Digital Crystal Clear, Progressive Scan, Comb Filter Digital, Active Control + Light sensor, 3/2 - 2/2 motion pull down, Widescreen Plus
- Screen enhancement: Anti ageing circuit, Anti-Reflection coated screen
- Viewing angle (h / v): 160 / 160 degree
- Panel resolution: 852 x 480p
- Response time (typical): 16 ms

Sound
- Sound Enhancement: Smart Sound
- Sound System: Virtual Dolby Surround
- Output power (RMS): 2 x 15W

Loudspeakers
- Built-in speakers: 2

Convenience
- Ease of Installation: PLL Digital Tuning
- Ease of Use: On Screen Display, Top Controls
- Remote control type: RC2887
- Teletext: 10 page Smart Text
- Screen Format Adjustments: 6 Widescreen Modes, Auto Format, Subtitle and Heading Shift
- Remote Control: TV
- Clock: Sleep Timer

Tuner/Reception/Transmission
- Tuner bands: Hyperband, S-Channel, UHF, VHF
- TV system: NTSC, PAL, PAL I, PAL B/G, PAL D/K, SECAM, SECAM B/G, SECAM D/K, SECAM L/L'
- Video Playback: NTSC, PAL, SECAM
- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner Display: PLL

Connectivity
- Other connections: Analog audio Left/Right out, Antenna IEC75, HDMI, PC-in VGA + Audio L/R in
- AV 1: Audio L/R in, CVBS in, YPbPr(1Fh)
- AV 2: Audio L/R in, CVBS, S-Video Y/C
- Connectivity Enhancements: RJ12 connector, RJ45 connector

Power
- Power consumption: 450 (tbc) W
- Standby power consumption: < 2 W
- Mains power: AC 90 - 276V +/- 10%
- Ambient temperature: +5 -/+ 40 C

Dimensions
- Product weight: 42 kg
- Weight incl. Packaging: 47 kg

Accessories
- Included Accessories: Table top stand
- Optional accessories: Floor stand, Wall mounting bracket

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60, 72, 75, 85Hz
800 x 600	56, 60, 72, 75,85Hz
1024 x 768	60Hz

Product highlights

Wireless SmartLoader
Provides the ability to copy easy and wireless all programmming settings from one TV set into other TV sets in less then a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.

Welcome message
A welcome greeting is displayed each time the TV set is switched on.

Volume limitation
This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.

Front Controls Locking
Prevents unauthorised access to TV functions

Switch On Channel Programming
Perfect for in-house advertising or information channels as it allows to show a predefined channel when the TV is turned on.

Security Menu Access
Provides conditional access to installation and configuration settings via a special code or master remote control

SmartCard Xpress Box
The optional SmartCard Xpress Box can be mounted at the rear side of the TV set and allows third party decoders and application cards to interface with the TV adding new functionality to the TV. The TV can also be connected to external decoders and set-top boxes of all major interactive system providers, through the Serial Xpress Control Interface (supporting UART and RS232 protocols) and the SmartPlug Control interface.

Extra Power Supply (opt)
The (optional) Extra Power Supply ensures operation of the Expansion Slot, the Clock Display and Wake-up Alarm when the TV set is switched off.

Serial Xpress™ Control
The Serial Xpress™ Control interface is compatible with all major premium entertainment services. The protocols enables the TV connection with external decoders, set-top boxes and PC based solutions. Support UART and RS232 protocols.

Upgradable software
The upgradable software architecture ensures that the TV is future proof and compatible with new technologies and developments, securing your investment.

Digital Crystal Clear
Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

Plasma WVGA panel, 852 x 480p
This WVGA display with state-of-the-art plasma screen technology has an enhanced widescreen resolution of 852 x 480p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

Active Control
Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

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